**Calculus Review Syllabus**

**No. Topic Homework**

1. Limits p 73-75:1-10; p81:1,2
2. Continuity p86-88:1-6; p283-286:1-14 no calc
3. Average, Instantaneous Rates p98:1,2; p110,111:1-3; p286-291:15-28 no calc
4. Differentiability p100:1-5; p292-296:29-45 calc ok
5. Derivative Rules p163-164:1-4; p166-167:1-4; p171:1,2; p297-299:1-3 calc ok
6. Tangent lines, linear approx. p107,108:1-4; pp300-302:4-6 no calc
7. Relationship between f, f’, f’’ p113-114:1-3; p124-124:1-4; Acorn 1-14
8. Mean Value Theorem p117:1-3; Acorn 15-24
9. Position, Velocity, Acceleration p303-311:1-28 no calc
10. Optimization p138,139:1,2; p312-317:29-45 calc ok
11. Related Rates p143:1,2; 2003:1-28 no calc
12. Implicit differentiation p145-146:1-4; 2003:76-92 calc ok
13. Riemann Sums, Trap Rule p175,176:1,2; p212,213:1,2; 2003:1-3 calc ok
14. Methods of Integration p194:1-3; p198:1-3; p201:1,2; 2003:4-6 no calc
15. FTC p187-188:1-4; 2006:1-3 calc ok
16. Initial Value problems p206:1-3; p210-1-3; 2006:4-6 no calc
17. Euler’s Method p157,158:1,2; 2007:1-3 calc ok
18. Logistic Growth p210:4; 2007:4-6 no calc
19. Volumes p184:3,1; 2008:1-28 no calc
20. Accumulation functions p178:1,2; 2008:76-92 calc ok
21. L’Hopital’s Rule p161:1-3; 2008:1-3 calc ok
22. Improper Integrals p204:1-3; 2008:4-6 no calc
23. Taylor Series p223:2; p226:1,3; p230:1,3: 2009:1-3
24. Tests for Convergence p217:1,2; p219:1; 2009:4-6
25. Parametric Equations p173:1,2; Practice Test:1-28 no calc
26. Vector valued functions p94:3; p173:3; Practice Test:76-92 calc ok
27. Polar Functions p94:2; Practice Test 1-6 free response
28. 2010:1-6
29. 2011:1-6
30. Test Taking Tips 2013:1-6

Saturday \_\_\_\_\_\_\_\_\_\_\_ : Live Practice AP Test 8:00 am - noon